

XMI Series

48V Inverter for Telecommunication

- N+X redundant parallel technology
- AC&DC dual-loop input design
- Relay+SCR compensation



1KVA - 15KVA



Power Range

1kVA-15kVA

Application

Telecommunication base stations, network optimization, railway, post, public security and other special network computer room systems

Performance Characteristics

Unique anti-injection noise suppression technology

- Unique pre-filter design, eliminates the impact, surge, sinking and noise interference to the power grid

N+X redundant parallel technology

- High reliability the system does not require any additional parallel cabinet: parallel operation is realized by the internal microprocessor
- Adopts non-master-slave current sharing mode with high-precision load sharing

Intelligent monitoring interface

- With RS485/RS232 interface or optional SNMP for remote monitoring

Direct use of the original DC system

- Save system investment and reduce maintenance costs and can be well matched with cascade batteries

Online design

- Relay + SCR compensation: inverter functional switching will never cause load flicker Realize long-term backup of load equipment

AC and DC dual-loop input design structure

- No need to increase the capacity of the rectifier and provide fullprotection for critical load

Performance

Model	XMI10HR	XMI20HR	XMI30HR
Capacity	1kVA	2kVA	3kVA
Input			
AC Voltage	Single phase220VAC/176-250VAC(settable)		
Frequency	50Hz±5%		
DC Voltage	48VDC		
Relative Wideband Noise Current Back-sinking At The Input	<10%		
Measuent Of Noise Current Relative To Telephone By Input Feedback	<2‰		
Output			
Voltage	Single phase 220VAC		
Frequency	50Hz±0.5% (inverter mode)		
Voltage Accuracy	±1%(inverter mode)		
Efficiency (Inverter Mode)	> 90%		
THDu	<3% (linear load under full load)		
Dynamic Response	±3% (100% load change)		
Power Factor	0.8		
System			
Noise	<55dB@1Meter		
Display	LED		
Alarm Function	Yes		
Communication Interface	RS485/RS232、dry contact		
Protection Function			
Short Circuit	Yes		
Over Temperature	Yes		
Input Over Voltage	Yes		
Output Over Voltage	Yes		
Working Condition			
Temperature	0 ~ 40°C		
Humidity	0 ~ 95% (non-condensing)		
Optional			
Parallel Module	No		
SNMP	Optional		
Physical			
Structure	Rack		
Mechanical Index			
W (mm)	482.6		
D (mm)	350		
H (mm)	44.5 (1U)		
Weight (kg)	< 10		

* Specifications are subject to change without prior notice.